

**The Weizmann Institute of Science  
Faculty of Mathematics and Computer Science**

**Geometric Functional Analysis and Probability Seminar**

Room 155, Ziskind Building  
on Thursday, May 09, 2024  
at 13:30

**Snir Ben Ovadia**  
Penn State

will speak on

Exponential volume limits

Abstract:

Let  $M$  be a closed Riemannian manifold, let  $f$  be a diffeomorphism of  $M$ , and let  $m$  the Riemannian volume of  $M$ . We prove that if  $(f^n)_*m$  goes exponentially fast to a measure  $\mu$ , then  $\mu$  is an SRB measure. This is joint work with Federico Rodriguez-Hertz.